

# AIR BOSS® DC UPFLOW



## Intermittent Duty Dust Collection Systems

### DESIGNED TO OUTPERFORM

Air Boss Upflow Dust Collectors are self-contained, compact dust collectors. Two models, the DCU-1 and DCU-2, work on both coarse and fine dusts in light-duty applications where high collection efficiency is essential. They are best for low air volume applications of 400 CFM to 2,000 CFM where the dust collector can easily be placed near the pollution source.

The Air Boss Upflow units are factory assembled and ready to operate. An optional dust drawer allows for easy disposal of collected particles. Periodic maintenance and filter replacement is less time consuming and less expensive than other cartridge filter or mechanical shaker units.

### APPLICATIONS

- Metal grinding and polishing
- Sanding
- Cutting
- Powder blending
- Composites grinding and polishing
- Jewelry cutting, buffing and polishing

### FEATURES

- Hinged cartridge access door
- Reverse pulse cleaning
- Blue textured indoor finish
- Heavy-duty construction
- Small footprint
- Integral fan

### OPTIONS AND ACCESSORIES

- Dust drawer
- Silencers
- Hopper/leg assembly
- 20-gallon drum lid kit
- Casters with outrigger
- Motor starter
- Automatic pulse cleaning



### BENEFITS

- Compressed air pulse cleaning removes more dirt per cleaning cycle than outdated mechanical shaker units
- Small cabinet design offers flexibility in positioning the unit close to the dust source, saving valuable floor space
- Reduced plant maintenance costs
- Factory assembled for easy start-up
- Easy filter changeout for quicker maintenance
- Standard inlet baffle to protect the filter
- Backward-inclined partial width fan generates greater airflow and high static pressure at equal horsepower for more efficient operation

**TRION®**  
air purification systems

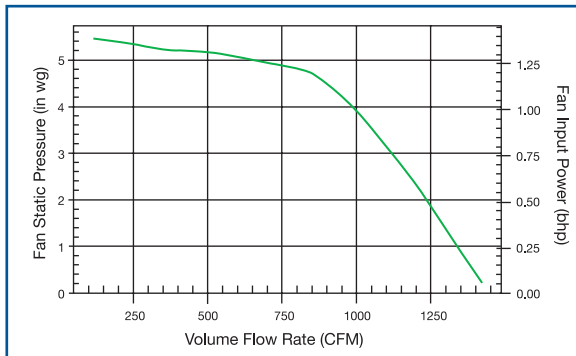
# Specifications

Model DCU-1			
One (1) 80/20 Cartridge Filter, 195 sq. ft. Media			
CFM	Total Static Pressure		
400	@ 5.35" w.g.		
600	@ 5.15" w.g.		
800	@ 4.75" w.g.		
1000	@ 3.95" w.g.		
Height	Width	Depth	Weight
56 7/16"	25 11/16"	29 9/16"	390 lbs.
Voltage	115/1/60	230/1/60	
Amps	16	8.8	

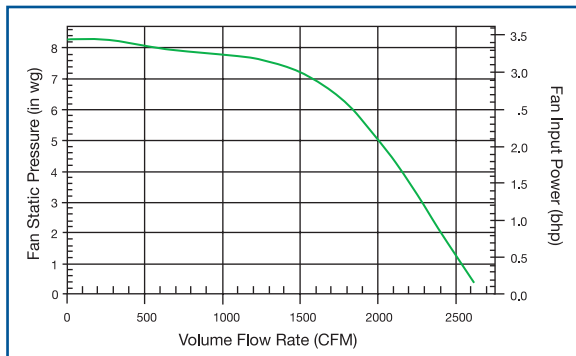
Model DCU-2			
One (1) 80/20 Cartridge Filter, 350 sq. ft. Media			
CFM	Total Static Pressure		
500	@ 8.10" w.g.		
1000	@ 7.85" w.g.		
1500	@ 7.20" w.g.		
2000	@ 5.10" w.g.		
Height	Width	Depth	Weight
71 7/16"	25 11/16"	29 9/16"	445 lbs.
Voltage	208/3/60	230/3/60	460/3/60
Amps	9.5	7.6	3.6

Notes: 1.) Dimensions & Weights are for the standard open bottom units.  
 2.) Add 42 lbs. for dust drawer base and 130lbs. for 20-gallon hopper/leg set.

Model DCU-1 (1.5 hp) Blower Curve



Model DCU-2 (3 hp) Blower Curve



**TRION**<sup>®</sup>  
 Air Purification Systems